TOWN OF SHARON

MASSACHUSETTS



M.G.L. Chapter 30§39 Bid **INVITATION FOR BIDS**

FORMS FOR BID
AGREEMENT AND BONDS
AND SPECIFICATIONS

FOR

SOUTH MAIN STREET TRAFFIC SIGNAL COMPONENTS CONTRACT #2023-30 AUGUST 2023

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TOWN OF SHARON DEPARTMENT OF PUBLIC WORKS NOTICE TO BIDDERS

TOWN OF SHARON SOUTH MAIN STREET TRAFFIC SIGNAL COMPONENTS

Sealed Bids under M.G.L. c. 30§39 for the Department of Public Works – South Main Street Traffic Signal Components will be received by the Department of Public Works, 217 Rear South Main Street, Sharon, Massachusetts 02067, on behalf of the Sharon Select Board, Town of Sharon, during business hours 8:00 AM to 5:00 PM, until Monday, September 4th at 10:00 a.m. All bids must be emailed to Peter O'Cain, Town Engineer, at pocain@townofsharon.org. In addition, one (1) physical copy is to be mailed or hand-delivered to the Sharon Department of Public Works at 217R S Main St, Sharon, MA 02067, and addressed to Peter O'Cain, Town Engineer. Bid envelopes should be marked as "Contract 2023-30 Department of Public Works – South Main Street Traffic Signal Components ". THIS BID IS ONLY FOR SIGNAL COMPONENTS ONLY! THERE IS NO LABOR INCLUDED OR REQUESTED AS PART OF THIS BID.

The bid opening will be held virtually on Tuesday, September 5th at 2:00 PM EST, using the following link:

Online

www.zoom.us

https://zoom.us/j/5846487446?pwd=ZE45aUhrNXc3ayszKzVhcnBRR1BkZz09

BY PHONE

1-312-626-6799

1-301-715-8592

To mute or unmute yourself, Press *6

DATE BID AVAILABLE: August 21, 2023, at 8:00 AM.

DATE OF BID OPENING: Tuesday, September 5th, 2023 TIME: 2:00 PM.

MATERIALS DELIVERY DUE DATE: January 30th, 2024

Note: Due to possible material delivery challenges currently existing in the market, the completion date may be altered, if deemed necessary by the Sharon DPW, and agreed to by the winning bidder and the DPW. Delays cannot alter the bid amount submitted by the winning bidder.

CONTACT INFORMATION

Peter O'Cain, Town Engineer, (781) 784-1525, ext. 2316. Kevin Davis, Assistant Town Engineer, (781) 784-1525, ext. 2317

PART 1 - GENERAL

The winning bidder will be responsible for ALL facets of delivering all components and equipment (see Appendix A for specifications) to the Department of Public Works located at 217R South Main Street, Sharon, MA, 02067, or an approved alternate location.

The Bid Guarantee may be in the form of a Bid Bond or Bank Cashier Check made payable to the Town of Sharon.

There is no charge for the initial electronic copy of the Official Bid Document. Paper copies of the Bid Document may be obtained for \$25.00 each, for which the check amount is not refundable. Checks shall be payable to the Town of Sharon.

Equipment listing information is available at the Town of Sharon Department of Public Works Office, 217 Rear South Main Street, Sharon, MA 02067, or online at www.townofsharon.net.

An award will not be made to a supplier not adequately equipped to undertake and complete the delivery. Bids, which do not include a properly completed "Affidavit" of Non-Collusion, etc., will be declared informal. The right to waive any informality and reject bids is reserved.

PART 2 - INSTRUCTION TO BIDDERS

Sealed Bids for **Department of Public Works – South Main Street Traffic Signal Components** for the Town of Sharon, Massachusetts, acting by its Select Board (hereinafter called the Owner,) prepared per these instructions and other provisions of the contract documents, will be received by the Owner at the Office of the Department of Public Works, 217 Rear South Main Street, Sharon MA 02067, until 10:00 AM (**DPW clock time**), on **September 4**th, 2023. The bids will then be publicly opened and read aloud virtually on Zoom.

The Town of Sharon is exempt from payment of the Massachusetts Sales Tax. Therefore, Bidders shall make no allowance for said Sales Tax in the prices bid.

Bidders are responsible to contact the Engineering Department to register as a bid document holder to be alerted as to addenda as they are issued. The Offeror is also responsible for monitoring the bid portal on the Town's website for any updates, addenda, etc., regarding that specific solicitation.

All Bids shall be made as follows:

- 1. Fill in the total lump sum bid price in the Schedule of Prices in the Bid.
- 2. Fill in the Number of Addenda, if any.
- 3. Submit, as the Bid, all Contract Documents intact, without changing any of the text, enclosed in a sealed envelope bearing the name and address of the bidder, and endorsed "Department of Public Works South Main Street Traffic Signal Components"
- 4. Submit a bid bond, cash, certified check, treasurer's check, or cashier's check to the Town of Sharon as a bid deposit at 5% of the total bid price.
- 5. Fill in blank spaces and sign a certificate of non-collusion.

Checks shall be made payable to the "Town of Sharon." The bid deposit shall not be enclosed in the sealed envelope containing the Bid.

Checks will be returned to all except the three lowest formal Bidders within five days (Saturdays, Sundays, and legal holidays excluded) after the opening of the Bids. The remaining deposits will be returned to the three lowest Bidders within 48 hours after awarding the contract. If no Contract is awarded within 30 days (not including Saturday, Sunday, and legal holidays) after the date of opening bids, then upon demand of the bidder, at any time thereafter, so long as they have not been notified of the acceptance of their Bid, the bidder's deposit shall be returned. The successful bidder will be notified by registered mail of the acceptance of their Bid.

If a bid bond is used as bid security, it shall be prepared in the Form of Bid Bond attached hereto, each duly executed by the Bidder as Principal and having as security thereon a surety company approved by the Owner. A copy of the Form of Bid Bond will be furnished to the bidder by the engineer upon request.

A 50% Labor and Materials Payment Bond by a company satisfactory to the Owner of the Estimated total Contract Price recorded in the Bid Section of the Contract as executed will be required from the successful bidder for the faithful performance of the contract and as security for payment of all persons furnishing materials in connection with this contract. The bond shall conform to the forms attached to the contract documents.

No Bidder may withdraw his Bid for thirty (30) days (not including Saturdays, Sundays, and legal holidays) after the date set for the opening of the Bids.

The requirements for the project are stated in the Instructions to Bidders, Bid, Agreement, Bonds, General Conditions, Supplementary Conditions, Specifications, and the Drawings.

In the case of each Bid, the Owner reserves the right to satisfy itself as to the bidder's complete responsibility. Toward this objective, every bidder must furnish all information requested in the Bid.

Notice of the acceptance of their Bid will be given to the successful bidder by the Owner by posting a registered letter to the bidder's address stated in said Bid. If within five (5) days, Saturdays, Sundays, and legal holidays excluded, immediately after the receipt of the notice, the successful bidder shall fail to deliver his bonds properly executed and his contract duly signed, in consideration of such failure, the Bid and acceptance, at the option of the Owner, may become null and void. The bid security accompanying the Bid shall become the Owner's property, who may proceed to accept another Bid.

The Contractor shall start work under this contract and continue it to completion with all practical dispatch and regularity; the work shall be commenced and completed within the times required by the contract.

One Hundred Dollars (\$100.00) is agreed upon as liquidated damages. The Awarded Bidder shall pay it to the Owner for each and every calendar day in which any part of the contract is incomplete after the times stipulated for such completion (unless the Owner and the winning bidder agreed to an extension), and the prices bid shall be fixed regarding this provision. Deductions for liquidated damages will be made from payments owed to the Contractor.

The Bidder shall keep themselves informed fully of and comply with all Laws, Ordinances, and Regulations of the Federal, State, or Municipal Governments that may be enforced during the life of the contract in any manner affecting their employed involved with the project.

Any request from a prospective Bidder for the interpretation of the meaning of any Drawings, Specifications, or other Contract Documents shall be made in writing to Peter O'Cain, Town Engineer, 217 Rear South Main Street, Sharon, MA. 02067. The request to be considered must be received at least seven (7) days before the bid deadline; the Superintendent of Public Works or Town Engineer will make interpretations as requested. All interpretations will be made in the form of written addenda to the contract documents, which addenda will become a part of the contract. No later than three (3) days before the date fixed for the opening of the bids, the addenda will be emailed to all persons who advertised for the bid. Failure of any bidder to receive any such addenda shall not relieve any bidder from any obligation under their bid as submitted. Any addendum emailed to bidders must be acknowledged, in writing, by the individual bidders as being received at the time the email is received. The bidder shall also note the received addendum on pages 7, 8, and 9 of the bid when submitting it to the Owner.

At the date fixed for the opening of bids, it will be presumed that each bidder has examined the materials to be delivered under the contract, has satisfied the actual conditions, requirements, and quantities of components, and has read and become thoroughly familiar with the Contract Documents, including the Drawings, and all Addenda to them, if any. Bidders are encouraged to contact the Engineering Department to register as a bid document holder to automatically be alerted as to addenda as they are issued. It is the responsibility of the Offeror to also monitor the bid portal on the Town's website for any updates, addenda, etc. regarding that specific solicitation.

The failure or omission of any Bidder to receive or examine any form, instrument, or document shall not relieve the bidder of any obligation regarding their bid.

The Owner reserves the right to waive any informalities in the bids and reject any or all bids if it is in the public interest. The contract will be awarded to the lowest responsible and eligible bidder possessing the skill, ability, and integrity necessary to the faithful delivery of the equipment and components required.

NOTE: The Winning Bidder will be paid for equipment and components only upon completion of:

1) The <u>delivery</u> of all of the requested materials, components, and equipment as delineated in the specifications in Appendix A, unless partial delivery is approved by the Town Engineer.

The bidder awarded the contract will not be paid money under any other circumstances. Therefore, all bidders should consider these restrictions before bidding.

Massachusetts General Laws, Chapter 30, Sections 39F, 39G, 39N, 39O, 39P, and 39R are quoted in the General and Supplementary Conditions.

Town of Sharon, Massachusetts

By	Eric R. Hooper Superintendent of the Department of Public Works
	Eric R. Hooper

BID

To the Town of Sharon, Massachusetts, acting by its Select Board, hereinafter called the Owner:

A. The undersigned proposes to furnish all materials required for the **Department of Public Works – South Main Street Traffic Signal Components**, per the accompanying Drawings and Specifications, the Instructions to Bidders, and other Contract Documents bound herewith prepared by the Engineering Division Town of Sharon for the Estimated Total Contract Price specified in the Schedule of provided for in the contract.

The undersigned declares: that the only persons interested in this bid as principals are named herein as such; that no official of the Owner and no person acting for or employed by the Owner is interested directly or indirectly in this bid or in any contract which may be made under it, or in any expected profits to arise therefrom; that this Bid is made in good faith, without fraud, collusion or connection with any other person bidding or refraining from bidding for the same work; that they have examined carefully the said instructions and all other documents bound herewith, and the Drawing relating to the contract covered by this bid and hereby makes them part of this Bid; that they have informed themself fully regarding all conditions of the work and the place where it is to be done; and that they have made their examination and estimates of cost and from them makes this bid.

The undersigned proposes and agrees that, if within thirty (30) days (Saturdays, Sundays and legal holidays excluded) after the date named in the Instructions to Bidders as that for submitting this Bid to the Owner, notice that this Bid has been accepted by the Owner shall be mailed to him/her at the business address given herein, he/she will, on some one of the five (5) days, (Saturdays Sundays and legal holidays excluded), immediately following receipt of such Notice of Acceptance of this Bid, appear at the office of the Town Engineer and deliver to the properly accredited representative of the Owner a contract, together with Performance Bond and Labor and Material Payment Bond furnished by a company satisfactory to the Owner, which contract and bonds shall be executed in the forms annexed hereto, and which contract shall provide that the Owner, as full compensation for doing and completing the work of carrying out the requirements of the Agreement, General Conditions, supplementary Conditions, Specifications and Drawings, shall pay the Contractor the unit prices and lump sums which they have recorded in the Bid, or such unit prices and lump sums increased or decreased in a manner as provided for in the contract.

The undersigned also agrees that the bid security which, as called for in the Instructions to Bidders, accompanies this bid shall become the property of the Owner as compensation for damage suffered by said Owner should the undersigned fail to execute the said contract and bonds if notified, as specified above, that this Bid has been accepted. But if the Owner does not accept this Bid, as defined above, within (30) days of the date set for the submission of the bid (not including Saturdays, Sundays, and legal holidays), or if the undersigned receives the Notice of Acceptance and they comply with the requirements as to the execution of the contract and bonds, then the bid security referred to will be returned to them.

The undersigned understands that it is the intention of the Owner not to award a contract for this work under this or any other bid if the bidder cannot furnish satisfactory evidence that they have the ability and experience to perform this class of work and that they have sufficient capital and equipment to enable them to prosecute the work successfully and to complete it within the time named in the contract, and that the Owner reserves the right to reject this or any other Bid or to award the contract as is deemed to be to the best interest of the Owner. The undersigned understands further that the quantities given in the Schedule of Prices in this Bid are approximate only and are given as a basis for the comparison of Bids, that the Owner does not agree, expressly or by implication, that the actual amount of work will correspond even approximately therewith but reserves the right to increase or decrease the amount of any item of the work listed as may be found desirable or necessary during the carrying out of the construction work; and that the unit prices quoted in the Schedule of Prices shall apply without change to such variation in the quantity of each or all items.

The undersigned further agrees that they will, upon request, furnish in confidence such information as will enable the Owner to judge the financial responsibility of themself and their proposed Subcontractors.

The Contractor shall give to the Owner, as liquidated damages, for each calendar day lost by the Contractor in the completion of the contract after the time herein stipulated, the sum of One Hundred Dollars (\$100) per day.

- B. This Bid includes Addenda numbered _____.
- C. The Schedule of Prices referred to herein is as follows: (SEE <u>SUMMARY SHEET</u>).

SUMMARY SHEET

$\frac{\textbf{DEPARTMENT OF PUBLIC WORKS-SOUTH MAIN STREET TRAFFIC SIGNAL}}{\underline{\textbf{COMPONENTS}}}$

Inspect the area and consider all possible issues before calculating the bid price. The Town of Sharon will accept no responsibility for low bids that don't cover all costs to the Contractor delineated in this bid document.

(Total Lump Sum Bid Price)	Printed) (\$
This Bid Acknowledges adde	nda:
Addenda #	Signature:

The undersigned hereby certifies that they can furnish labor that can work in harmony with all other elements of labor employed or to be employed on the work.

The undersigned offers the following information as evidence of his qualifications to perform the work as bid upon according to all the requirements of the Drawings and Specifications:

The names and addresses of all persons and parties interested in this Bid as principals are as follows:

of a partnership, give name	names in full. In case of a corporation, give nams of all partners.	
The undersigned also agree	s that all work to be performed by subcontractors	are as follows:
Description of	Name and Address	
Subcontract work	of Subcontractor	

The undersigned submits answers to the following questions to enable the Owner to judge ability in and facilities for the work proposed to be done.	e their experience and
If awarded to you, the work will have the resident personal supervision of whom? qualifications.	State their particular
2. Describe equipment you propose to furnish. (A) Your own (B) rented: (A)	-
(B)	- -
3. How many years has your organization been in business as a General contractor und you propose?	ler the name in which
	- -

Name and Address of Owner	Work Done as Contractor /Subcontractor	Description of work	Approx. Amt. Of Contract	Approx. Date Was Done	
					_
					_
					_
Has your why.	r present organizatior	ever failed to comp	lete any work awa	arded to it? If so, s	state when, where,
					_
					_

Name of Bank	Address	Telephone No.	
		- -	
	Signature of Bidder:		
	By:		
	Title:		
		Date	
Address of permanent	place of business to which no	otices may be sent:	
		fax no.	
zip code	telephone no.	iax iio.	

6. Give the name of one or more banks with information that would enable them to advise regarding your

At a meeting of the Board of D	Directors of the		
	h	neld on	
at which all of the Directors we	ere present or waived notice,		
	or		
At a regularly called meeting o			
held on	at which a quor		that
		of this company, be and they	hereby are authorized
to execute contracts and bonds	in the name and behalf of said	l company, and affix its corpo	orate seal thereto; and
such execution of any contract	or obligation in this company	's name on its behalf by such	
			under seal of
this company shall be valid and	d binding upon this company.		
	A true copy ATTEST: Clerk		
	Place of business		
		ct	
I hereby certify that I am the cl	lerk of the		
is duly elected			
of said company, and that the a	above vote has not been amend	led or rescinded and remains i	in full force and as of
this date.			
	Clerk	Corporate Seal	

BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we the undersigned

, as Principal, and
(insert name of bidder)
, as Surety, are hereby held
(insert name of surety)
and firmly bound unto the Town of Sharon, MA, in the sum of \$
as liquidated damages for payment of which, will and truly to be made, we hereby jointly and severally bine
ourselves, our heirs, executors, administrators, successors, and assigns.

The condition of this obligation is such that whereas the Principal has submitted to the Town of Sharon, MA a certain Bid attached hereto and hereby made a part hereof, to enter into a contract in writing, hereinafter referred to as the "AGREEMENT" and/or "CONTRACT,"

NOW THEREFORE

- (a) If said BID shall be rejected or withdrawn as provided in the INFORMATION FOR BIDDERS attached hereto or, in the alternative,
- (b) If said BID shall be accepted and the Principal shall duly execute and deliver the form of AGREEMENT attached hereto and shall furnish the specified bonds for the faithful performance of the AGREEMENT and/or Contract and for the payment for labor and materials furnished for the performance of the AGREEMENT and/or Contract,

then this obligation shall be void, otherwise it shall remain in full force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims there under in no event shall exceed the amount of this obligation.

The Surety, for value received, hereby agrees that the obligations of said Surety and its bond shall be in no way impaired or affected by any extensions of the time within which such BID may be accepted, and said Surety does hereby waive notice of any such extensions.

IN WITNESS WHERE OF, the	-	,20
(SEAL)	BY:	L. S.
	_	(Name of Surety)
	BY:	
Sealed and delivered in the pre-	sence of:	

CERTIFICATE OF NON-COLLUSION

The undersigned certifies under penalties of perjury that this bid is in all respects bonafide, fair and made without collusion or fraud with any other person. As used in this section the word 'person' shall mean any natural person, joint venture, partnership, corporation, or other business or legal entity.			
Authorized Signature	Date		
Social Security Number or Federal Identification Number			
Legal Name or Business Entity (Please Print of Type)			
Address:			
	Corporate Seal Here (if appl	licable)	

TOWN OF SHARON, MASSACHUSETTS Department of Public Works

$\begin{array}{c} \textbf{Department of Public Works-South Main Street Traffic Signal Components} \\ \underline{\textbf{NOTICE OF AWARD}} \end{array}$

TO:		
The OWNER has considered the BII Advertisement for Bids dated		e above-described WORK in response to its on for Bidders.
You are hereby notified that your BID	has been accepted for items	s in the amount of \$
	BOND, PAYMENT BOND	e the Agreement and furnish the required o, and CERTIFICATES OF INSURANCE ten
notice, said OWNER will be entitled to	consider all your rights ar	OS within ten (10) days from the date on this ising out of the OWNER'S acceptance of your e OWNER will be entitled to such other rights
You are required to return an acknowled Dated this		,2023. ublic Works ssachusetts
	By Title <u>Town Admin</u>	istrator
ACCEPTANCE OF NOTICE Receipt of the above NOTICE OF AW	ARD is hereby acknowled	ged
BY:		
this the	day of	,20
BY:	Title	

AGREEMENT

This Agreement, made and executed this day of in the year 2023 by and between the Town of Sharon, MA, a municipality located within the County of Norfolk in the Commonwealth of MA, by its Select Board, duly constituted, and without personal liability for the individuals signatory hereto, said Town of Sharon being herein termed the Owner, party of the first part, and hereinafter termed the Contractor, party of the second part: Witness that the parties to this Agreement each in consideration of the agreements on the part of the other herein contained have agreed, and by these presents do hereby agree, the Owner for itself, and the Contractor for himself and his heirs, executors, administrators, successors and assigns as follows:
That the Contract Documents consisting of this Agreement, together with the Information for Bidders, Instructions to Bidders, Bids, Bonds, General Conditions, Supplementary Conditions, and Specifications hereto attached, the Drawings referred to herein and in the Specifications, and any Addenda issued before execution of the Agreement, form the contract:
That the Contractor has informed themself fully regarding all conditions of the place where the work is to be done and other circumstances affecting the work:
That the Contractor has obtained all the information they need to enable them to estimate fully and fairly the costs of the work herein contemplated:
That the Contractor agrees to perform the work for a total of \$ The Contractor shall furnish all labor, materials, supplies, tools, equipment, and other facilities and things necessary or proper for, or incidental to, the completion of the delivery of the Department of Public Works – South Main Street Traffic Signal Components as shown on the bid plans, for the party of the first part per this contract. The Contractor shall complete everything required of them under this contract no later than the time stated in the Contract
Prior to execution of a construction contract, the Contractor and filed sub-bidder(s) (where applicable) shall submit for review by the Owner, documentation to establish the markup percentage(s) for direct labor costs.
That the Owner shall pay and the Contractor shall receive as full compensation for invoices submitted to the Town after the work has been inspected and approved by the Assistant Town Engineer, Superintendent of Public Works or the Building Inspector of the Town of Sharon.
Project cost will not exceed the \$ amount agreed to by the Contractor for all work delineated in the project bid package.
The sum of one hundred (\$100.00) dollars is to be agreed upon as liquidated damages, and shall be paid by the Contractor to the Owner for each and every calendar day in which any work of this contract is uncompleted after the times stipulated for such completion, and the prices bid shall be fixed with regard to this provision, reductions for liquidated damages will by made from payments due the Contractor.

Signed, sealed, and delivered in quadruplicate the day and year first above written
Town of Sharon, Massachusetts, Select Board
BY: (Select Board)
BY: (Contractor)
Approved as to form
Town Counsel
Certification of Appropriation
By:
Town Accountant

IMPORTANT - Execute acknowledgment of officer or agent who signs this document.

ACKNOWLEDGMENT OF PRINCIPAL, IF A CORPORATION

State of					
County of					
On thisd	ay of	,20			
before me personally came and	appeared		to me	known, who	, being duly
sworn, did depose and say that	he/she				
resides at				that h	e/she is the
of			corporation describ	ed in and whic	h executed the
foregoing instrument; that they	know the sea	al of said corporat	ion; that one of the	e impressions a	affixed to said
instrument is an impressions at	ffixed to said i	instrument is an in	npression of such s	eal; that it was	so affixed by
order of the Directors of said co	orporation, and	d that he/she signed	d his/her name ther	eto by like orde	er.
(SEAL)					
	(Notary	Public)			
My commission expires:					

ACKNOWLEDGMENT OF PRINCIPAL, IF A PARTNERSHIP

State of			_			
County of			_			
On thisda	ay of	,20	_			
before me personally came and	appeared				to me l	known and
known to me to be one of the m	embers of the	e firm of				
			described	in and who	executed the	foregoing
instrument and they acknowled	ged to me tha	t they executed	l the same a	s and for the a	ct and deed of	said firm.
(SEAL)						
		(Notary Public	;)			
My Commission expires:						

ACKNOWLEDGMENT OF PRINCIPAL, IF AN INDIVIDUAL

State Of					
County of					
On this	day of	,20			
before me personally came and	appeared		to me	know	and
know to me to be the person d	escribed in and who executed	the foregoing instrumer	nt and ackn	owledge	l that
they executed the same.					
(SEAL)					
	(NOTARY PUBLIC)				
My Commission expires:					

PERFORMANCE BOND

Know all men by these presents, that	(hereinafter called the a corporation organized and existing under
principal) as principal, and	a corporation organized and existing under
the laws of the	with its principal office
, (hereinafter called the surety) as surety, a	are held and firmly bound unto
(Awarding Authority), (hereinafte	er called the obligee), in the just and full sum of
	dollars andto the payment of which sum,
well and truly to be made, the said principal and su	rety bind themselves, and their respective heirs, administrators,
	everally, firmly by these presents. Whereas, the principal has
entered into a certain written contract	of for in the Town of Sharon, Sharon, Massachusetts, as
the	in the Town of Sharon, Sharon, Massachusetts, as
extent as if copied a length herein. Now therefore, shall well and truly perform and fulfill all the und contract during the original term of said contract with or without notice to the surety, and shall covenants, terms, conditions, and agreements of a may hereinafter be made, notice of which modific which modifications to the surety being to rema condition precedent to any right of recovery here part of the principal, shall within a reasonable	reby referred to and made a part hereof as fully and to the same the condition of this obligation is such that if the said principal ertaking, covenants, terms, conditions, and agreements of said and any extensions thereof that may be granted by the obligee also well and truly perform and fulfill all the undertakings, any and all duly authorized modifications of said contract that eations of said contract that may hereinafter be made, notice of ain in full force and virtue. Provided, however, it shall be a cunder that the obligee, upon discovery of any default on the time deliver to the surety by registered mail at its office at a written statement substantially setting
against the surety of this instrument unless the sar within three years after completion of the work m the principal, surety or obligee, but if there is an	her that no action, suit, or proceeding shall be had or maintained me be brought or instituted and process served upon the surety tentioned in said contract, whether such work be completed by y maintenance period provided in the contract for which said by be brought within three years from the expiration of the
· · · · · · · · · · · · · · · · ·	have signed and sealed this instrument this
By:(Prin	ncipal)
By:	(9, 1, 6,)
	(Surety Company)

LABOR AND MATERIALS BOND

KNOW ALL	MEN BY THESE PRESENTS: That we,				
		trading	under t	the firm name	of
		of the city		county	of
	State of	•		as	
PRINCIPAL,	, and the	a	corpora	tion organized a	nd
	er the laws of the State of				
	unto the Town of Sharon, Sharon, Massachus				
	lawful money of the		ca, to the	payment of whi	ch
sum, well and	d truly to be made and done, we do bind ourse jointly and severally, firmly by these presents.	elves, our heirs, executors			
DATED this_	day of	A. D., 20)		
WHEREAS:	The above bounden Principal has entered in day of		wn of Sh	aron, dated _	
for	•				

NOW THEREFORE, THE CONDITION of this obligation is such, that if the Principal shall promptly make payments to all claimants as hereinafter defined, for all labor performed of furnished and for all materials and equipment furnished for or used in or in connection with the work called for by said AGREEMENT and/or contract and any modifications thereof, including lumber used but not incorporated in said work, and for the rental or hire of vehicles, tools and other appliances and equipment furnished for our used in connection with said work, this obligation shall be void; otherwise it shall remain in full force and effect, subject however, to the following conditions:

1. A claimant is defined as one having a direct contract with the Principal or with a subcontractor of the Principal for labor, materials and/or equipment used or reasonably required for use in the performance of the said work, labor and materials being construed to include that part of water, gas, power, light, heat, oil, gasoline, telephone service or rental of equipment directly applicable to the said AGREEMENT and/or Contract and any modifications thereof.

2. The above named Principal and Surety hereby jointly and severally agree with the Awarding Authority that every claimant as herein defined, who has not been paid in full before the expiration of a period of sixty (65) days after the date on which the last of such claimant's work or labor was done or performed or materials or equipment were furnished by such claimant, may sue on this bond for the use of such claimant, prosecute the suit to final judgment for such sum or sums as may be justly due the claimant, and have execution thereon. The Awarding Authority shall not be liable for the payment of any costs or expenses of any such suit.

No suit or action shall be commenced here under by any claimant.

- 1. Unless claimant, other than one having a direct contract with the principal, shall have given written notice to any two of the following; The principal, the Awarding Authority, or the Surety above named, within sixty-five (65) days after such claimant did or performed the last of the work of labor, or furnished the last of the materials or equipment for which said claim is made, stating with substantial accuracy the amount claimed and the name of the party to whom the materials or equipment were furnished, or for whom the work or labor was done or performed. Such notice shall be served by mailing the same by registered mail or certified mail, postage prepaid, in an envelope addressed to the Principal, Awarding Authority or Surety at any manner in which the said Work is located, save that such a service need not be made by a public officer:
- 2. After the expiration of one (1) year following the date on which the Principal ceased work on said AGREEMENT and/or Contract and any modifications thereof, it being understood, that if any limitation embodied in this bond is prohibited by any law controlling the construction hereof, such limitation shall be demeaned to be amended so as to be equal to the minimum period of limitation permitted by law.
- 3. Other than in a state court of competent jurisdiction in and for the county or other political subdivision of the state in which the said work, or any part thereof, is situated, or in the United States district court for the district in which the said work, or any part thereof, is situated and not elsewhere.

The amount of this bond shall be reduced by and to extent of any payment of payments made in good faith here under, inclusive of the payment by Surety of mechanics; liens which may be filed or record against AGREEMENT and/or Contract of said Work, whether or not claim for the amount of such lien be presented under and against this bond.

The surety, for value received, agrees further that no changes in, omissions from, or alterations, modifications or additions to the terms and provisions of said AGREEMENT and/or Contract or the Work to be performed there under, and that no extensions of time given or changes made in the manner or time of making payments there under, shall in any way affect the Surety's obligations on this bond, and the surety hereby waives notice of any changes, omissions, alterations, modifications, additions or extensions

IN TESTIMONY WHEREOF and said PRINCIPAL AND SURETY had hereunto set their hands and seals and caused these presents to be duly executed the day and year above written.

(Principal)		
Ву:		
	(Surety)	
Ву:		

Select Board Policy Number Eleven

Insurance Requirements for Independent Contractors

I. PURPOSE:

To establish criteria regarding the satisfaction of insurance requirements for independent contractors. In the past and in the absence of insurance requirements, the Town has been held liable for the workers' compensation insurance requirements and has been assessed a premium for this coverage. This policy has been exposed to risk from the actions of independent contractors. This policy will alleviate the exposure from this risk.

II. STATUTORY BACKROUND:

Mass. General Laws, Chapter 152, provides the statutory requirements for compliance to the Commonwealth's workers' compensation.

III. GENERAL PRINCIPLES:

Any independent contractor desiring to perform any function for compensation must provide to the "Chief Procurement Officer," defined as the Executive Secretary to the Board of Selectman, proof of insurance. This proof shall be a "Certificate of Insurance" with Town of Sharon named as an additional named insured. The insurance requirements are as follows:

1. Commercial General Liability including Products/Completed Operations, with no exclusion for explosion, collapse and underground damage (xcu).

Combined Single Limit for Bodily Injury and Property Damage \$1,000,000 Each Occurrence \$2,000,000 Annual Aggregate

- 2. Automobile Liability (owned, non-owned and hired) \$1,000,000 Each Occurrence
- 3. Umbrella Liability \$1,000,000 Each Occurrence \$1,000,000 Annual Aggregate
- 4. Workers Compensation Insurance
 Waiver of Subrogation
 Statutory Benefits-State of Hire
 Employers Liability
 \$500,000 Each Person for Injury by Disease
 \$500,000 Policy Limit for Injury by Disease
 \$500,000 Each Person for Injury by Accident
- 5. Coverage must be written with carriers rated as A or better by Best's Rating Service or equivalent.

6. The certificate should name Town of Sharon as additional insured for General Liability with respect to claims resulting from work performed by Contractor. The certificate should also indicate that in the event of cancellation of any of the policies, 30 days prior written notice of cancellation will be given to the Town of Sharon.

IV. INDEMNIFICATION

The Contractor shall defend, indemnify and hold harmless the Town from and against any and all claims, liability, loss, damages, costs, fines or expenses for personal injury or damage to real or tangible personal property which the Town may sustain, incur or be required to pay, arising out of or in connection with services performed under this contract or by reason of any negligent action/inaction or willful misconduct of the Contractor, its agent(s) or person(s) employed by the Contractor, any of its subcontractors or other entities for which the Contractor is legally responsible.

or, as otherwise determined by the Select Board. The Select Board reserves the right to waive or otherwise modify these requirements.

AFFIDAVIT OF COMPLIANCE

	MASSACHUSETTS BUSINESS CORPORATION
	FOREIGN (non-Massachusetts) CORPORATION
	NON-PROFIT CORPORATION
Ι,	, President Clerk of Name of Corporation
whose	e principal office is located
report	reby certify that the above named corporation has filed with the State Secretary all certificates and annual as required by Chapter 156B, Section 109 (business corporation), by Chapter 181, Section 4 (foreign ration), or by Chapter 180, Section 26A, (non-profit corporation) of the Massachusetts General Laws.
	ED UNDER THE PAINS AND PENALTIES OF PERJURY THISday of, 2023.
Signa	ture of Responsible Corporate Officer

CERTIFICATE OF AUTHORITY (For Corporations Only)

			,20	
	(current	date)	<u> </u>	
At a meeting of the Directors of the	(name of corpor	duly caration)	alled and	
held at	on the		_day of	
,20, at wh	ich a quorum wa	as present and	acting, it was	
VOTED, that(name)			_the	
of this corpora)
(office)				
make, enter into, sign, seal and deliver in bel	half of this corpo	oration a conti	ract for	
(describe servi	ice)			-
with the Town of Sharon, and a performance	bond and labor a	and materials	bond in connec	ction with said contract.
I do hereby certify that the above is a	a true and correct	t copy of the r	record, that said	d
vote has not been amended or replaced and i	s in full force an	nd effect as of	this date, and	
thatis the containe)	luly elected((office)	of	
this corporation.				
Attest:				
(Affix Corporate Seal Here)	Clerk (S	Secretary) of the	he Corporation	 L

STATEMENT OF WAGE RATE COMPLIANCE

	20,	
Ι,		
(Name of signatory party)	(Title)	
do hereby state:		
That I pay or supervise the payment of the per	rsons employed by	
	on the	
(contractors, subcontractors of public body)		
(Building or Project)		
	sters, chauffeurs and laborers employed on said projecters, the provision of Sections twenty-six (26) and two (149) of the General Laws.	
Signatur	re	
Title		
, <u> </u>	under penalties of perjury as provided for Chapter 149, General Laws)	

Note: Statement to be completed by Contractor on Contractor's letterhead.

STATEMENT OF INDEPENDENT CERTIFIED PUBLIC ACCOUNTANT - (G. L. c. 30 39R(c))

[,_	, an independent certified public accountant
sta	ate that I have examined the statement of management of
	on internal accounting controls, and express the following opinion.
1.	The representations of management in response to the requirement of G. L. c 30, 39R paragraph (c) are consistent with the result of management's evaluation of the system of internal account controls; and
2.	Such representations of management are, in addition, reasonable with respect to transactions and assets in amounts which would be material when measured in relation to the applicant's financial statements.
	Signed:
	Title:
	Datade

CONTRACTOR'S CERTIFICATION AS TO INTERNAL ACCOUNT CONTROLS (G. L. c. 30, 39R(c))

	do hereby state:
(name of signatory party)	(title)
ne system of internal accounting c llowing:	controls of this company and its subsidiaries reasonably assure the
transactions are executed in acc	ordance with management's general and specific authorization:
transactions are recorded as nec	essary
i. to permit preparation accepted accounting	of financial statements in conformity with generally principals, and
ii. to maintain accounta	bility for assets;
access to assets is permitted only	y in accordance with management's general of specific authorization; and
the recorded accountability for appropriate action was taken wi	assets is compared with the existing assets at reasonable intervals and the respect to any difference.
	Signature
	Title
	Dated:
	(name of signatory party) e system of internal accounting clowing: transactions are executed in accountant accounts are recorded as nection in the recorded accountant access to assets is permitted only the recorded accountability for

TOWN OF SHARON, MASSACHUSETTS DEPARTMENT of PUBLIC WORKS

Town of Sharon South Main Street Traffic Signal

Components

NOTICE TO PROCEED

TO:	DATE:	
	Work in accordance with the Agreement dated_	, 2023
. The date of completion of all	Work is	
, 2023		
	OWNER: Town of Sharon, MA	
	Department of Public Works:	
	BY:	
	TITLE: Chair, Select Board	
ACCEPTANCE OF NOTICE		
Receipt of the above Notice To Proceed	1	
is hereby acknowledged by		
this theday of	,20	
TITLE:		

APPENDIX A MATERIAL SPECIFICATIONS

Department of Public Works – South Main Street Traffic Signal Components Specifications

General Requirements and Information

See the 100% Submittal plan for the Massachusetts Department of Transportation – Highway Division on the Town of Sharon website (https://www.townofsharon.net/home/pages/town-of-sharon-proposalsrfpsifbs) located at a link named "Proposals / RFPs and IFBs" at the bottom of the home page. Equipment and components are limited to the traffic signalization as outlined in the design plans. A summary table of said equipment is provided on the following pages.

NOTE: NO FOUNDATIONS MATERIALS OR FOUNDATION LABOR IN THE SUMMARY BELOW ARE PART OF THIS BID AND SHOULD NOT BE BID ON. THIS BID IS FOR TRAFFIC SIGNAL COMPONENTS AND MATERIALS ONLY. NO LABOR OR FOUNDATION MATERIAL COSTS ARE TO BE INCLUDED IN YOUR BID CALCULATIONS.

TRAFFIC CONTROL SIGNAL, MAJOR ITEMS LIST		
PAY ITEM	QUANTITY	ITEM
	1	NEMA TS2 - TYPE 1, 8 PHASE CONTROLLER WITH CABINET & FOUNDATION W/ CONCRETE PAD.
_	1	SERVICE CONNECTION (OVERHEAD)
ō.	1	25 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY & FDN.
Z	1	30 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY & FDN.
ATIC	2	35 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY & FDN.
000	3	10 FT SIGNAL POLE, BASE & FDN.
	12	1 WAY, 3 SECTION SIGNAL HOUSING (12" L.E.D.)
815.01 TRAFFIC CONTROL SIGNAL LOCATION NO. 1	2	VIDEO VEHICLE DETECTION SYSTEM CAMERA (INCLUDING ADVANCE CAMERA)
ROL	1	PRE - EMPTION PHASE SELECTOR CARD RACK
L N	2	PRE - EMPTION PHASE SELECTOR MODULE - DUAL CHANNEL
000	3	1 - CHANNEL, 1 - DIRECTION, OPTICAL DETECTOR
FFI	2	CONFIRMATION STROBE (CLEAR)
TRA	1	SPREAD SPECTRUM RADIO & ANTENNA FOR COORDINATION COMMUNICATION SYSTEM
	12	5 IN. LOUVERED BACK PLATES W/ 2 IN. RETROREFLECTIVE YELLOW BORDER
		R&S EXISTING FLASHING BEACON & ASSOCIATED EQUIPMENT
		Plus all necessary duct, cable, labor, miscellaneous material and equipment to complete the installation
804.3		3 IN. ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL)
811.22	1	ELECTRIC HANDHOLE - SD2.022
811.31	6	12" x 12" PULL BOX SD2.031

	1	TRAFFIC CONTROL SIGNAL, MAJOR ITEMS LIST
PAY ITEM	QUANTITY	ITEM
	1	NEMA TS2 - TYPE 1, 8 PHASE CONTROLLER WITH CABINET & FOUNDATION W/ CONCRETE PAD.
	1	45 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY & FDN.
	1	35 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY & FDN.
	2	30 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY & FDN.
	1	20 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY & FDN.
8	1	10 FT SIGNAL POLE, BASE & FDN.
<u>Q</u>	1	8 FT SIGNAL POLE, BASE & FDN.
ŏ	12	1 WAY, 3 SECTION SIGNAL HOUSING (12" L.E.D.)
Ϋ́	1	1 WAY, 4 SECTION SIGNAL HOUSING (12" L.E.D.)
3 LOC	2	VIDEO VEHICLE DETECTION SYSTEM CAMERA (INCLUDING ADVANCE CAMERA)
3.02 NA	1	PRE - EMPTION PHASE SELECTOR CARD RACK
818 SI SI	2	PRE - EMPTION PHASE SELECTOR MODULE - DUAL CHANNEL
2 <u>0</u>	3	1 - CHANNEL, 1 - DIRECTION, OPTICAL DETECTOR
Ę	2	CONFIRMATION STROBE (CLEAR)
8	4	COUNTDOWN PEDESTRIAN SIGNAL HOUSING - 16" L.E.D.
815.02 TRAFFIC CONTROL SIGNALS LOCATION NO.	4	PEDESTRIAN PUSH BUTTON, SIGN AND SADDLE (APS) W/ R10-3e (L, R) CROSSING SIGNS
-	1	SPREAD SPECTRUM RADIO & ANTENNA FOR COORDINATION COMMUNICATION SYSTEM
	13	5 IN. LOUVERED BACK PLATES W/ 2 IN. RETROREFLECTIVE YELLOW BORDER
		R&S EXISTING FLASHING BEACON & ASSOCIATED EQUIPMENT
		Plus all necessary duct, cable, labor, miscellaneous material and equipment to complete the installation
804.3		3 IN. ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL)
811.22	1	ELECTRIC HANDHOLE - SD2.022
811.31	7	12" x 12" PULL BOX SD2.031

4 1 - CHANNEL, 1 - DIRECTION, OPTICAL DETECTOR 1 CONFIRMATION STROBE (CLEAR) 12 1 WAY, 3 SECTION SIGNAL HOUSING (12" L.E.D.) 4 1 WAY, 4 SECTION SIGNAL HOUSING (12" L.E.D.) 6 COUNTDOWN PEDESTRIAN SIGNAL HOUSING - 16" L.E.D. W/ R10-3e (L, R) CROSSING SIGNS 6 PEDESTRIAN PUSH BUTTON, SIGN & SADDLE (APS)	TRAFFIC CONTROL SIGNAL, MAJOR ITEMS LIST		
1	PAY ITEM	QUANTITY	ITEM
1 SERVICE CONNECTION (OVERHEAD) 1 45 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY & FDN. 1 50 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY & FDN. 1 30 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY & FDN. 1 25 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY & FDN. 3 8 FT SIGNAL POLE, BASE & FDN. 2 10 FT SIGNAL POLE, BASE & FDN. 2 VIDEO VEHICLE DETECTION SYSTEM CAMERA 1 PRE - EMPTION PHASE SELECTOR CARD RACK 2 PRE - EMPTION PHASE SELECTOR MODULE - DUAL CHANNEI 4 1 - CHANNEL, 1 - DIRECTION, OPTICAL DETECTOR 1 CONFIRMATION STROBE (CLEAR) 12 1 WAY, 3 SECTION SIGNAL HOUSING (12" L.E.D.) 4 1 WAY, 4 SECTION SIGNAL HOUSING (12" L.E.D.) 6 COUNTDOWN PEDESTRIAN SIGNAL HOUSING - 16" L.E.D. W/ R10-3e (L, R) CROSSING SIGNS 6 PEDESTRIAN PUSH BUTTON, SIGN & SADDLE (APS) 1 SPREAD SPECTRUM RADIO & ANTENNA FOR COORDINATION COMMUNICATION SYSTEM 16 5 IN. LOUVERED BACK PLATES W/ 2 IN. RETROREFLECTIVE YELLOW BORDER Plus all necessary duct, cable, labor, miscellaneous material and equipment to complete the installation 804.3 3 IN. ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL) 811.22 2 ELECTRIC HANDHOLE - SD2.022		1	· ·
TOURD COUNTDOWN PEDESTRIAN SIGNAL HOUSING - 16" L.E.D. 1		1	ON - STREET MASTER CONTROLLER UNIT
TOURDED 1 50 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY & FDN. 1 30 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY & FDN. 1 25 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY & FDN. 3 8 FT SIGNAL POLE, BASE & FDN. 2 10 FT SIGNAL POLE, BASE & FDN. 2 VIDEO VEHICLE DETECTION SYSTEM CAMERA 1 PRE - EMPTION PHASE SELECTOR CARD RACK 2 PRE - EMPTION PHASE SELECTOR MODULE - DUAL CHANNEL 4 1 - CHANNEL, 1 - DIRECTION, OPTICAL DETECTOR 1 CONFIRMATION STROBE (CLEAR) 12 1 WAY, 3 SECTION SIGNAL HOUSING (12" L.E.D.) 4 1 WAY, 4 SECTION SIGNAL HOUSING (12" L.E.D.) 6 COUNTDOWN PEDESTRIAN SIGNAL HOUSING - 16" L.E.D. W/ R10-3e (L, R) CROSSING SIGNS 6 PEDESTRIAN PUSH BUTTON, SIGN & SADDLE (APS) 1 SPREAD SPECTRUM RADIO & ANTENNA FOR COORDINATION COMMUNICATION SYSTEM 16 5 IN. LOUVERED BACK PLATES W/ 2 IN. RETROREFLECTIVE YELLOW BORDER Plus all necessary duct, cable, labor, miscellaneous material and equipment to complete the installation 804.3 3 IN. ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL) 811.22 2 ELECTRIC HANDHOLE - SD2.022		1	SERVICE CONNECTION (OVERHEAD)
1 30 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY & FDN. 1 25 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY & FDN. 3 8 FT SIGNAL POLE, BASE & FDN. 2 10 FT SIGNAL POLE, BASE & FDN. 2 VIDEO VEHICLE DETECTION SYSTEM CAMERA 1 PRE - EMPTION PHASE SELECTOR CARD RACK 2 PRE - EMPTION PHASE SELECTOR MODULE - DUAL CHANNEI 4 1 - CHANNEL, 1 - DIRECTION, OPTICAL DETECTOR 1 CONFIRMATION STROBE (CLEAR) 12 1 WAY, 3 SECTION SIGNAL HOUSING (12" L.E.D.) 4 1 WAY, 4 SECTION SIGNAL HOUSING (12" L.E.D.) 6 COUNTDOWN PEDESTRIAN SIGNAL HOUSING - 16" L.E.D. W/ R10-3e (L, R) CROSSING SIGNS 6 PEDESTRIAN PUSH BUTTON, SIGN & SADDLE (APS) 1 SPREAD SPECTRUM RADIO & ANTENNA FOR COORDINATION COMMUNICATION SYSTEM 16 5 IN. LOUVERED BACK PLATES W/ 2 IN. RETROREFLECTIVE YELLOW BORDER Plus all necessary duct, cable, labor, miscellaneous material and equipment to complete the installation 804.3 3 IN. ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL) 811.22 2 ELECTRIC HANDHOLE - SD2.022		1	45 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY & FDN.
1 25 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY & FDN. 3 8 FT SIGNAL POLE, BASE & FDN. 2 10 FT SIGNAL POLE, BASE & FDN. 2 VIDEO VEHICLE DETECTION SYSTEM CAMERA 1 PRE - EMPTION PHASE SELECTOR CARD RACK 2 PRE - EMPTION PHASE SELECTOR MODULE - DUAL CHANNEL 4 1 - CHANNEL, 1 - DIRECTION, OPTICAL DETECTOR 1 CONFIRMATION STROBE (CLEAR) 12 1 WAY, 3 SECTION SIGNAL HOUSING (12" L.E.D.) 4 1 WAY, 4 SECTION SIGNAL HOUSING (12" L.E.D.) 6 COUNTDOWN PEDESTRIAN SIGNAL HOUSING - 16" L.E.D. W/ R10-3e (L, R) CROSSING SIGNS 6 PEDESTRIAN PUSH BUTTON, SIGN & SADDLE (APS) 1 SPREAD SPECTRUM RADIO & ANTENNA FOR COORDINATION COMMUNICATION SYSTEM 16 5 IN. LOUVERED BACK PLATES W/ 2 IN. RETROREFLECTIVE YELLOW BORDER Plus all necessary duct, cable, labor, miscellaneous material and equipment to complete the installation 804.3 3 IN. ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL) 811.22 2 ELECTRIC HANDHOLE - SD2.022		1	50 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY & FDN.
1 25 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY & FDN. 3 8 FT SIGNAL POLE, BASE & FDN. 2 10 FT SIGNAL POLE, BASE & FDN. 2 VIDEO VEHICLE DETECTION SYSTEM CAMERA 1 PRE - EMPTION PHASE SELECTOR CARD RACK 2 PRE - EMPTION PHASE SELECTOR MODULE - DUAL CHANNEI 4 1 - CHANNEL, 1 - DIRECTION, OPTICAL DETECTOR 1 CONFIRMATION STROBE (CLEAR) 12 1 WAY, 3 SECTION SIGNAL HOUSING (12" L.E.D.) 4 1 WAY, 4 SECTION SIGNAL HOUSING (12" L.E.D.) 6 COUNTDOWN PEDESTRIAN SIGNAL HOUSING - 16" L.E.D. W/ R10-3e (L, R) CROSSING SIGNS 6 PEDESTRIAN PUSH BUTTON, SIGN & SADDLE (APS) 1 SPREAD SPECTRUM RADIO & ANTENNA FOR COORDINATION COMMUNICATION SYSTEM 16 5 IN. LOUVERED BACK PLATES W/ 2 IN. RETROREFLECTIVE YELLOW BORDER Plus all necessary duct, cable, labor, miscellaneous material and equipment to complete the installation 804.3 3 IN. ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL) 811.22 2 ELECTRIC HANDHOLE - SD2.022	e	1	30 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY & FDN.
6 PEDESTRIAN PUSH BUTTON, SIGN & SADDLE (APS) 1 SPREAD SPECTRUM RADIO & ANTENNA FOR COORDINATION COMMUNICATION SYSTEM 16 5 IN. LOUVERED BACK PLATES W/ 2 IN. RETROREFLECTIVE YELLOW BORDER Plus all necessary duct, cable, labor, miscellaneous material and equipment to complete the installation 804.3 3 IN. ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL) 811.22 2 ELECTRIC HANDHOLE - SD2.022	<u>o</u>	1	25 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY & FDN.
6 PEDESTRIAN PUSH BUTTON, SIGN & SADDLE (APS) 1 SPREAD SPECTRUM RADIO & ANTENNA FOR COORDINATION COMMUNICATION SYSTEM 16 5 IN. LOUVERED BACK PLATES W/ 2 IN. RETROREFLECTIVE YELLOW BORDER Plus all necessary duct, cable, labor, miscellaneous material and equipment to complete the installation 804.3 3 IN. ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL) 811.22 2 ELECTRIC HANDHOLE - SD2.022	ž	3	8 FT SIGNAL POLE, BASE & FDN.
6 PEDESTRIAN PUSH BUTTON, SIGN & SADDLE (APS) 1 SPREAD SPECTRUM RADIO & ANTENNA FOR COORDINATION COMMUNICATION SYSTEM 16 5 IN. LOUVERED BACK PLATES W/ 2 IN. RETROREFLECTIVE YELLOW BORDER Plus all necessary duct, cable, labor, miscellaneous material and equipment to complete the installation 804.3 3 IN. ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL) 811.22 2 ELECTRIC HANDHOLE - SD2.022	Ę	2	10 FT SIGNAL POLE, BASE & FDN.
6 PEDESTRIAN PUSH BUTTON, SIGN & SADDLE (APS) 1 SPREAD SPECTRUM RADIO & ANTENNA FOR COORDINATION COMMUNICATION SYSTEM 16 5 IN. LOUVERED BACK PLATES W/ 2 IN. RETROREFLECTIVE YELLOW BORDER Plus all necessary duct, cable, labor, miscellaneous material and equipment to complete the installation 804.3 3 IN. ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL) 811.22 2 ELECTRIC HANDHOLE - SD2.022	OC/	2	VIDEO VEHICLE DETECTION SYSTEM CAMERA
6 PEDESTRIAN PUSH BUTTON, SIGN & SADDLE (APS) 1 SPREAD SPECTRUM RADIO & ANTENNA FOR COORDINATION COMMUNICATION SYSTEM 16 5 IN. LOUVERED BACK PLATES W/ 2 IN. RETROREFLECTIVE YELLOW BORDER Plus all necessary duct, cable, labor, miscellaneous material and equipment to complete the installation 804.3 3 IN. ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL) 811.22 2 ELECTRIC HANDHOLE - SD2.022	Ä	1	PRE - EMPTION PHASE SELECTOR CARD RACK
6 PEDESTRIAN PUSH BUTTON, SIGN & SADDLE (APS) 1 SPREAD SPECTRUM RADIO & ANTENNA FOR COORDINATION COMMUNICATION SYSTEM 16 5 IN. LOUVERED BACK PLATES W/ 2 IN. RETROREFLECTIVE YELLOW BORDER Plus all necessary duct, cable, labor, miscellaneous material and equipment to complete the installation 804.3 3 IN. ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL) 811.22 2 ELECTRIC HANDHOLE - SD2.022	0.03 NA	2	PRE - EMPTION PHASE SELECTOR MODULE - DUAL CHANNEL
6 PEDESTRIAN PUSH BUTTON, SIGN & SADDLE (APS) 1 SPREAD SPECTRUM RADIO & ANTENNA FOR COORDINATION COMMUNICATION SYSTEM 16 5 IN. LOUVERED BACK PLATES W/ 2 IN. RETROREFLECTIVE YELLOW BORDER Plus all necessary duct, cable, labor, miscellaneous material and equipment to complete the installation 804.3 3 IN. ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL) 811.22 2 ELECTRIC HANDHOLE - SD2.022	815 Sic	4	1 - CHANNEL, 1 - DIRECTION, OPTICAL DETECTOR
6 PEDESTRIAN PUSH BUTTON, SIGN & SADDLE (APS) 1 SPREAD SPECTRUM RADIO & ANTENNA FOR COORDINATION COMMUNICATION SYSTEM 16 5 IN. LOUVERED BACK PLATES W/ 2 IN. RETROREFLECTIVE YELLOW BORDER Plus all necessary duct, cable, labor, miscellaneous material and equipment to complete the installation 804.3 3 IN. ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL) 811.22 2 ELECTRIC HANDHOLE - SD2.022	<u>8</u>	1	CONFIRMATION STROBE (CLEAR)
6 PEDESTRIAN PUSH BUTTON, SIGN & SADDLE (APS) 1 SPREAD SPECTRUM RADIO & ANTENNA FOR COORDINATION COMMUNICATION SYSTEM 16 5 IN. LOUVERED BACK PLATES W/ 2 IN. RETROREFLECTIVE YELLOW BORDER Plus all necessary duct, cable, labor, miscellaneous material and equipment to complete the installation 804.3 3 IN. ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL) 811.22 2 ELECTRIC HANDHOLE - SD2.022	Ā	12	1 WAY, 3 SECTION SIGNAL HOUSING (12" L.E.D.)
6 PEDESTRIAN PUSH BUTTON, SIGN & SADDLE (APS) 1 SPREAD SPECTRUM RADIO & ANTENNA FOR COORDINATION COMMUNICATION SYSTEM 16 5 IN. LOUVERED BACK PLATES W/ 2 IN. RETROREFLECTIVE YELLOW BORDER Plus all necessary duct, cable, labor, miscellaneous material and equipment to complete the installation 804.3 3 IN. ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL) 811.22 2 ELECTRIC HANDHOLE - SD2.022	8	4	1 WAY, 4 SECTION SIGNAL HOUSING (12" L.E.D.)
6 PEDESTRIAN PUSH BUTTON, SIGN & SADDLE (APS) 1 SPREAD SPECTRUM RADIO & ANTENNA FOR COORDINATION COMMUNICATION SYSTEM 16 5 IN. LOUVERED BACK PLATES W/ 2 IN. RETROREFLECTIVE YELLOW BORDER Plus all necessary duct, cable, labor, miscellaneous material and equipment to complete the installation 804.3 3 IN. ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL) 811.22 2 ELECTRIC HANDHOLE - SD2.022	RAFFIC	6	
1 COMMUNICATION SYSTEM 16 5 IN. LOUVERED BACK PLATES W/ 2 IN. RETROREFLECTIVE YELLOW BORDER Plus all necessary duct, cable, labor, miscellaneous material and equipment to complete the installation 804.3 3 IN. ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL) 811.22 2 ELECTRIC HANDHOLE - SD2.022	-	6	PEDESTRIAN PUSH BUTTON, SIGN & SADDLE (APS)
Plus all necessary duct, cable, labor, miscellaneous material and equipment to complete the installation 3 IN. ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL) ELECTRIC HANDHOLE - SD2.022		1	SPREAD SPECTRUM RADIO & ANTENNA FOR COORDINATION COMMUNICATION SYSTEM
equipment to complete the installation 3 IN. ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL) 811.22 2 ELECTRIC HANDHOLE - SD2.022		16	
811.22 2 ELECTRIC HANDHOLE - SD2.022			
	804.3		3 IN. ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL)
811.31 4 12" x 12" PULL BOX SD2.031	811.22	2	ELECTRIC HANDHOLE - SD2.022
	811.31	4	12" x 12" PULL BOX SD2.031

	1	TRAFFIC CONTROL SIGNAL, MAJOR ITEMS LIST
PAY ITEM	QUANTITY	ITEM
	1	NEMA TS2 - TYPE 1, 8 PHASE CONTROLLER WITH CABINET & FOUNDATION W/ CONCRETE PAD.
	1	SERVICE CONNECTION (OVERHEAD)
	1	25 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY & FDN.
	1	35 FT TYPE II, GALV. STEEL MAST ARM ASSEMBLY & FDN.
4	1	10 FT SIGNAL POLE, BASE & FDN.
<u>Q</u>	4	8 FT SIGNAL POLE, BASE & FDN.
S _O	1	VIDEO VEHICLE DETECTION SYSTEM (CAMERA)
Ϋ́	1	PRE - EMPTION PHASE SELECTOR CARD RACK
20	2	PRE - EMPTION PHASE SELECTOR MODULE - DUAL CHANNEL
₽ ₽	3	1 - CHANNEL, 1 - DIRECTION, OPTICAL DETECTOR
815.04 . SIGNA	1	CONFIRMATION STROBE (CLEAR)
81 2L.S	4	1 WAY, 3 SECTION SIGNAL HOUSING (12" L.E.D.)
Τ̈́	1	2 WAY, 4 SECTION & 3 SECTION SIGNAL HOUSING (12" L.E.D.)
Ŏ	4	COUNTDOWN PEDESTRIAN SIGNAL HOUSING (16" LED)
815.04 TRAFFIC CONTROL SIGNAL LOCATION NO. 4	4	PEDESTRIAN PUSH BUTTON, SIGN AND SADDLE (APS) W/ R10-3e (L, R) CROSSING SIGNS
TR/	1	SPREAD SPECTRUM RADIO & ANTENNA FOR COORDINATION COMMUNICATION SYSTEM
	6	5 IN. LOUVERED BACK PLATES W/ 2 IN. RETROREFLECTIVE YELLOW BORDER
		Plus all necessary duct, cable, labor, miscellaneous material and equipment to complete the installation
804.3		3 IN. ELECTRICAL CONDUIT TYPE NM - PLASTIC - (UL)
811.22	1	ELECTRIC HANDHOLE - SD2.022
811.31	4	12" x 12" PULL BOX SD2.031